

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: 26.2 °C

Global applicability domain: Inside

Local applicability domain index: 6.96e-01

Confidence level: 2.83e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Parathion</div> <div>Measured: 6.10</div> <div>Predicted: 26.2</div>	<div>Image not found</div> <div>Fenitrothion</div> <div>Measured: 3.40</div> <div>Predicted: 12.9</div>	<div>Image not found</div> <div>Methyl parathion</div> <div>Measured: 35.5</div> <div>Predicted: 26.9</div>
<div>Image not found</div> <div>Paraoxon</div> <div>Measured: 300</div> <div>Predicted: 233</div>	<div>Image not found</div> <div>Chlorthion</div> <div>Measured: 21.0</div> <div>Predicted: 34.0</div>	